

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Kazutaka SHIBATA

Application No.: 09/970,193

Filed: October 4, 2001

For: RESIN-SEALED SEMICONDUCTOR DEVICE

Examiner: A. Williams

Art Unit: 2826

Confirmation No. 9784

**ASSOCIATE POWER OF ATTORNEY AND  
NOTIFICATION OF CHANGE OF NAME AND ADDRESS**

Commissioner for Patents  
Alexandria, VA 22313

Sir:

The undersigned, the attorney of record in connection with the above-identified application, hereby grants and appoints as associate attorneys to conduct all business before the United States Patent and Trademark Office relative to said application:

Steven M. Rabin, Registration No. 29,102.

Kindly change the correspondence name and address for the above-identified application to the following:

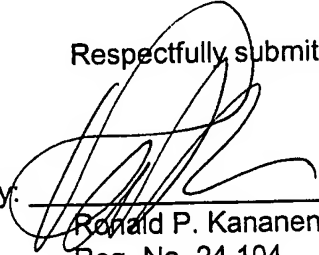
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c/o RABIN & BERDO, P.C.  
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1101 14<sup>th</sup> Street, NW  
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Respectfully submitted,

Date:

6/3/03

By:

  
Ronald P. Kananen  
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## Declaration and Power of Attorney For Patent Application

### 特許出願宣言書及び委任状

### Japanese Language Declaration

### 日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。 As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SEMICONDUCTOR DEVICE

上記発明の明細書（下記の欄で x 印がついていない場合は、the specification of which is attached hereto unless the following box is checked: 本書に添付）は、

☐ 月 日に提出され、米国出願番号または特許協定条約国際出願番号を \_\_\_\_\_ とし、  
(該当する場合) \_\_\_\_\_ に訂正されました。

☐ was filed on \_\_\_\_\_  
as United States Application Number or  
PCT International Application Number  
\_\_\_\_\_ and was amended on  
\_\_\_\_\_ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第 37 編第 1 条 5 6 項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Page 1 of 3

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

## Japanese Language Declaration (日本語宣言書)

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基づき下記の、米国外の国の少なくとも一カ国を指定している特許協力条約365(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願について外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)  
外国での先行出願

Priority Claimed  
優先権主張

2000-308925

Japan

October 10, 2000

(Number)  
(番号)

(Country)  
(国名)

(Day/Month/Year Filed)  
(出願年月日)

☒ Yes  
はい

☐ No  
いいえ

(Number)  
(番号)

(Country)  
(国名)

(Day/Month/Year Filed)  
(出願年月日)

☐ Yes  
はい

☐ No  
いいえ

私は、第35編米国法典第119条(e)項に基づいて下記の米国外の特許出願規定に記載された権利をここに主張いたします。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

私は、下記の米国法典第35編120条に基づいて下記の米国外の特許出願に記載された権利、又は米国外を指定している特許協力条約365条(c)に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1項又は特許協力条約で規定された方法で先行する米国外の特許出願に開示されていない限り、その先行米国外出願提出日より本出願の日本国内または特許協力条約国際提出日よりの期間中に入手された、連邦規則法典第37編1条56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

(Status: Patented, Pending, Abandoned)  
(現況: 特許許可済、係属中、放棄済)

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

(Status: Patented, Pending, Abandoned)  
(現況: 特許許可済、係属中、放棄済)

私は、私自身の知識に基づいて本宣言書中で私が行なう表明が真実であり、かつ私の入手した情報と私の信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣言を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration  
(日本語宣言書)

委任状: 私は下記の発明者として、本出願に関する一切の  
手続きを米特許商標局に対して遂行する弁護士または代理人  
として、下記の者を指名いたします。(弁護士、または代理  
人の氏名及び登録番号を明記のこと)

John E. McGarry	Reg. No. 22,360
Richard D. Grauer	Reg. No. 22,388
Ronald P. Kananen	Reg. No. 24,104
H. Lawrence Smith	Reg. No. 24,900
Ralph T. Rader	Reg. No. 28,772
Michael D. Fishman	Reg. No. 31,951
Joel E. Balr	Reg. No. 33,356
Joseph V. Coppola, Sr.	Reg. No. 33,373
Michael B. Stewart	Reg. No. 36,018
Mark A. Davis	Reg. No. 37,118
Alexander D. Rabinovich	Reg. No. 37,425

POWER OF ATTORNEY: As a named inventor, I hereby appoint  
the following attorney(s) and/or agent(s) to prosecute this  
application and transact all business in the Patent and Trademark  
Office connected therewith: customer No. 23353 and:

Kevin D. Rutherford	Reg. No. 40,412
Glenn E. Forbis	Reg. No. 40,610
Kristin L. Murphy	Reg. No. 41,212
Matthew J. Russo	Reg. No. 41,282
Robert S. Green	Reg. No. 41,800
G. Thomas Williams	Reg. No. 42,228
David L. Benson	Reg. No. 42,314
Brian K. Dutton	Reg. No. 47,255
Eugene G. Byrd	Reg. No. 47,361

## 書類送付先

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Washington, D.C. 20036

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## 直接電話連絡先: (名前及び電話番号)

(202) 955-3750

## Direct Telephone Calls to: (name and telephone number)

(202) 955-3750

唯一または第一発明者名	Full name of sole or first inventor	Kazutaka SHIBATA
発明者の署名	Inventor's signature	<i>K. Shibata</i> Date 2001.10.02
住所	Residence	Kyoto, Japan
国籍	Citizenship	Japan
私書箱	Post Office Address	c/o ROHM CO., LTD., 21, Sain Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585, Japan
第二共同発明者	Full name of second joint inventor, if any	
第二共同発明者の署名	Second inventor's signature	Date
住所	Residence	
国籍	Citizenship	
私書箱	Post Office Address	

(第三以降の共同発明者についても同様に記載し、署名をす (Supply similar information and signature for third and subsequent joint inventors.)  
ること)

## ASSIGNMENT AND AGREEMENT

**WHEREAS**, Kazutaka SHIBATA  
(hereinafter referred to singly and collectively as "ASSIGNOR") have invented a certain  
invention entitled **SEMICONDUCTOR DEVICE** for which  
an application for United States Letters Patent was executed by ASSIGNOR concurrently  
herewith; and

**WHEREAS**, ROHM CO., LTD., a corporation duly organized and  
existing under the laws of Japan **ASSIGNEE STATE INC**, and having its principal place  
of business at <sup>21, Saijo Mizosaki-cho, Ukyo-ku, Kyoto-shi,</sup> ~~Kyoto 615-8585, Japan~~, (hereinafter  
referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

**NOW THEREFORE**, in consideration of Ten Dollars (\$10.00) and other good  
and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,  
ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns,  
and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title,  
and interest in and to (a) the above-identified invention or inventions and all improvements and  
modifications thereof, (b) the above-identified application and all other applications for Letters  
Patent of the United States and countries foreign thereto for the above-identified invention or  
inventions and all improvements and modifications thereof, (c) all Letters Patent which may  
issue from said applications in the United States and countries foreign thereto, (d) all divisions,  
continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right  
to claim for any of said applications the full benefits and priority rights under the International  
Convention and any other international agreement to which the United States adheres; such  
right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to  
the full end of the term or terms for which any and all such Letters Patent may be granted as  
fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment  
not been made.

**ASSIGNOR HEREBY AUTHORIZES AND REQUESTS** the Commissioner of  
Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire  
interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

**ASSIGNOR HEREBY AGREES** (a) to communicate to ASSIGNEE, its  
successors and assigns, or their representatives or agents, all facts and information known or  
available to ASSIGNOR respecting said invention or inventions, improvements, and  
modifications including evidence for interference, reexamination, reissue, opposition,  
revocation, extension, or infringement purposes or other legal, judicial, or administrative  
proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as  
required by ASSIGNEE, its successors and assigns, in any such proceeding in the United  
States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all  
lawful papers including, but not limited to, original, divisional, continuation, and reissue  
applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations,  
depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and

assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

*ASSIGNOR HEREBY REPRESENTS AND WARRANTS* that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

*ASSIGNOR HEREBY GRANTS* to the law firm of Rader, Fishman & Grauer, PLLC the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

*ASSIGNOR UNDERSTANDS AND AGREES* that the attorneys and agents of the law firm of Rader, Fishman & Grauer, PLLC do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Date: 2001.10.02.



Kazutaka SHIBATA

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_